

Comparing DBMS Strategies

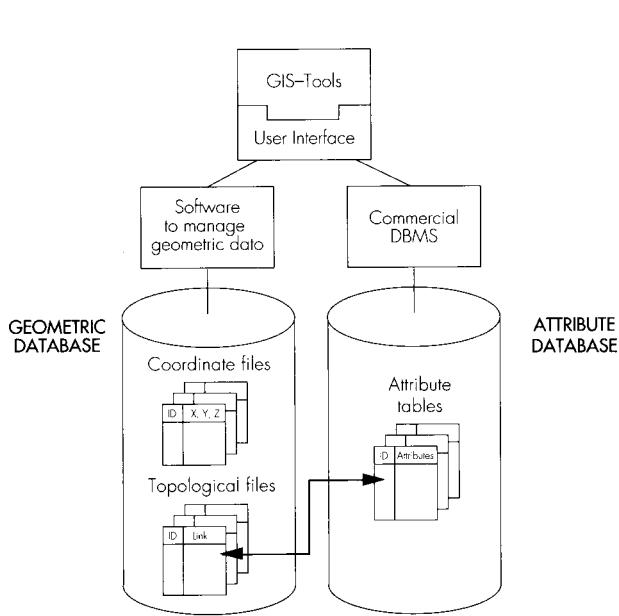


Fig. 8.11 – The hybrid database model, where geometric and attribute data are stored in separate databases.

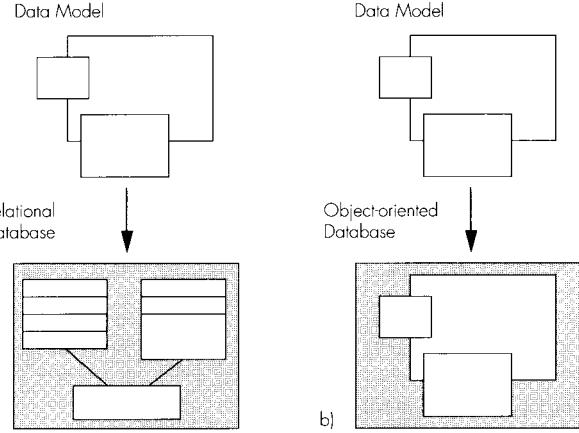


Fig. 8.20
– Object-oriented
database (b) compared
to a relational database
(a). (adapted from Jan
H. Lindblad)

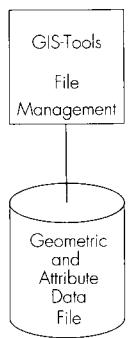


Fig. 8.10 – A tailor-made file management system for both geometric and attribute data within the same database.

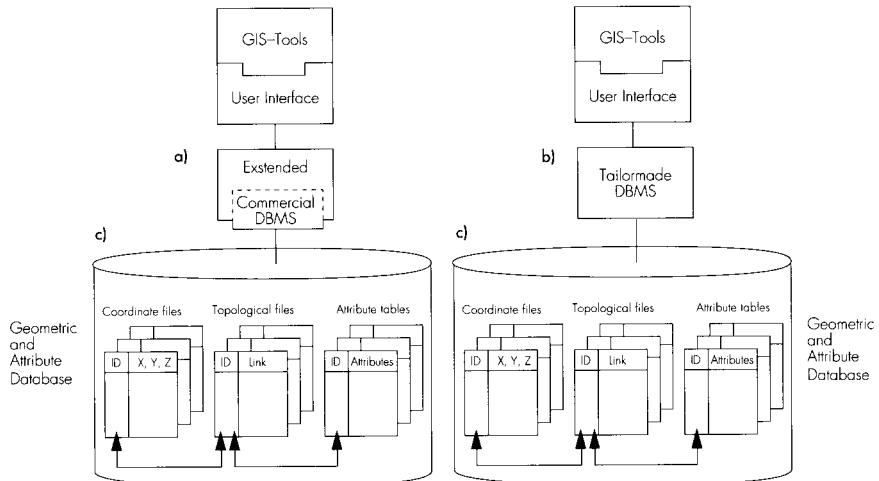


Fig. 8.12 – The integrated GIS model, with two alternative solutions for database management (a,b) and with details of the Integrated Database (c).